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ABSTRACT OF THE DISCLOSURE

A torque motor having an annular rotor and an annular stator. The stator includes a stator frame with iron cores and electrical windings arranged thereon. The iron cores and the electrical windings are arranged in at least one independent stator segment so that each stator segment is independently operable. Each stator segment has its own housing, in which the segment's iron core and the segment's electrical winding are installed. Each stator segment is configured to occupy a predetermined angular segment $\leq 180^\circ$ in the stator frame. Each stator segment is detachably joined to the stator frame so that the segment can be installed and removed independently of other stator segments without damaging its electrical winding or the stator frame.